```
// function constructor
function Employee(name, designation, yearOfBirth) {
    this.name= name;
    this.designation= designation;
    this.yearOfBirth= yearOfBirth;
}

// creating calculateAge() method to the Prototype property
Employee.prototype.calculateAge= function() {
    console.log('The current age is: '+(2019- this.yearOfBirth));
}
console.log(Employee.prototype);

// creating Objects
let Empl= new Employee('Alex', 'Junior Tester', 1995);
console.log(Empl);
Empl.calculateAge();

let Emp2= new Employee('Dexter', 'Senior Software Developer', 1990);
console.log(Emp2)
Emp2.calculateAge();

let Emp3= new Employee('Annie', 'Junior HR', 1998);
```

```
Emp3.calculateAge();

| Image: Consider Sugment | Table | State | Stat
```

```
var x = (2 * 3) + 5;
var y = 3 * 4;

var result = myFunction(2,3);
```

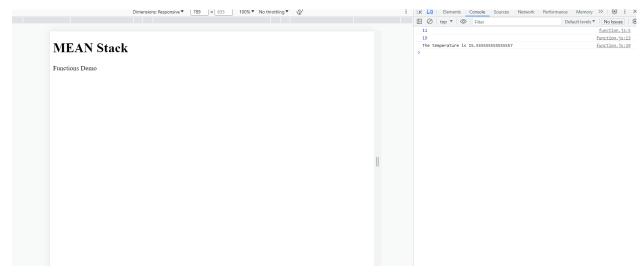
```
console.log(result);

function myFunction(num1, num2) {
    var a = num1 * num2;
    var b = num1 + num2;
    return(a + b);
}

console.log( myFunction(3, 4));

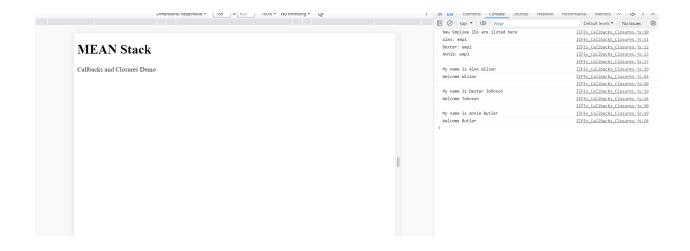
function toCelcius(f) {
    return (5/9) * (f-32);
}

console.log("The temperature is "+ toCelcius(60));
```



```
<h1>MEAN Stack</h1>
 Callbacks and Closures Demo
<script src="IIFEs_Callbacks_Closures.js"></script>
</body>
</html>
```

```
//IIFE and Closure
const empId = (function() {
   let count = 0;
     ++count;
 })();
 console.log("New Emplyee IDs are listed here");
 console.log("Alex: "+empId());
 console.log("Dexter: "+empId());
 console.log("Annie: "+empId());
 console.log("\n"); //to start the output from the neext line
 function fullName(firstName, lastName, callback) {
   console.log("My name is " + firstName + " " + lastName);
   callback(lastName);
 var greeting = function(ln){
   console.log('Welcome ' + ln);
 fullName("Alex", "Wilson", greeting);
 console.log("\n");
 fullName("Dexter", "Johnson", greeting);
 console.log("\n");
 fullName("Annie", "Butler", greeting);
```



```
console.log(map1);
class Employee
{
    constructor(id,name)
    {
        this.id=id;
        this.name=name;
    }
    detail()
    {
        document.writeln(this.id+" "+this.name+"<br>")
     }
}
//passing object to a variable
var el=new Employee(101,"Michael");
var e2=new Employee(102,"Bob");
e1.detail();
e2.detail();
```

